

CLAIMS

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1. Communication device with means for delivering an audio signal to the ear of a user comprising a casing (1,20) intended for wear at the ear, and containing: a microphone (11,12), a signal processing device, a receiver (60) for delivering an audio signal to the users ear canal, and a receiver enclosure whereby the receiver enclosure has wall parts (2,3,4) forming part of the casing which in co-operation with detachable wall parts (50.1) form the enclosure, whereby the receiver (60) is suspended from the detachable wall part (50.1).
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2. Communication device as claimed in claim 1, whereby the receiver is suspended from the detachable wall part (50.1) by means of a flexible tube (62) leading from the receiver outlet to a sound delivering orifice in the detachable wall part (50.1), and by at least one further flexible suspension (66) which is fastened to the detachable wall part .
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3. Communication device as claimed in claim 1, whereby electrical connection pins (65) are provided, which traverses the detachable wall part (50.1), such that soldering points (64) on the receiver (60) are connectable to connection pins (65) at one side of the detachable wall part (50.1) in order that an electrical signal may be served at the receiver (60) by gaining contact with the connection pins (65) at the other side of the detachable wall part (50.1).
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4. Communication device as claimed in claim 1, whereby the walls forming part of the casing and/or the detachable wall parts comprise a fibre reinforced polymer.
5. Communication device as claimed in claim 2, whereby the fibre content is between 40% and 60% and preferably at around 50% by weight.
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6. Communication device as claimed in claim 1, whereby a flexible gasket (51) is provided between the wall parts forming part of the casing and the detachable wall parts.
- 5 7. Communication device as claimed in claim 1, whereby the casing comprises a lower part (1) shaped to lie behind the ear of a person and whereby the lower part has: a bottom wall (2), two opposed side walls (3,4), and an end wall (5) whereby the detachable wall part (50.1) is shaped to fit between the two side walls (3,4) such that the enclosure is formed by the detachable wall part (50.1), the bottom wall (2),
10 the two opposed side walls (3,4) and the end wall (5).
8. Method for producing a hearing aid of the behind the ear type, whereby a top shell part (20) and a lower shell part (1) are joined to form a hearing aid casing enclosing electrical components, whereby initially a receiver (60) is fastened to a detachable
15 wall part (50.1) whereby a sound outlet orifice in the detachable wall part (50.1) is connected to the sound outlet of the receiver (60), and where further electric connections between the receiver (60) and through going connection pins (65) in the detachable wall part (50.1) are established whereafter the sub assembly (50) of receiver (60) and detachable wall part (50.1) is introduced into either top or lower
20 shell part and fastened thereto to form an air and sound tight receiver enclosure.